

Observations of Comet 1898 (Coddington, June 11) made at Sydney Observatory.

(Communicated by H. C. Russell, C.M.G., F.R.S., Government Astronomer.)

1898.	Sydney M.T.	Δ R.A. m s	Δ N.P.D. m s	Cp. Obs.	R.A. app. h m s	log. p. Δ	N.P.D. app.	log. p. Δ	Red. ad. l. app. s "	*
June 16	9 15 52	-1 34:14	+7 20:6	5 S.	16 10 28:11	9.253n	11 17 54 57:4	0.029	+4:24	+13:5
23	8 47 30	+0 22:46	-0 27:4	8 S.	15 45 42:26	9.110n	122 7 37:5	9.528	+4:29	+17:1
23	9 38 57	*	*	S.	15 45 34:45		122 8 53:7	9.372		
24	8 44 10	+0 38:98	-7 33:0	8 S.	15 42 7:91	9.077n	122 41 43:7	9.373	+4:28	+17:6
24	9 31 27	*	*	S.	15 42 0:08		122 42 49:7	9.172		
27	9 9 5	*	*	L.	15 31 24:36		124 21 37:6	9.018n		
July 4	9 30 14	-0 11:10	+2 47:8	3 S.	15 7 17:73	9.286	127 51 3:6	9.617n	+4:15	+22:1
5	8 10 30	*	*	S.	15 4 11:64		128 16 43:1	9.848n		
6	8 3 21	*	*	S.	15 0 58:15		128 43 8 5	9.888n		
7	7 56 15	*	*	S.	14 57 47:71		129 8 56:9	9.923n		

Observer : L.=H. A. Lenahan. S.=R. P. Sellors.

* Observed on the meridian with transit circle.

Sup. 1898.

of Comet 1898 (Coddington).

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Mean Places of Comparison Stars for 1898.0.

	R.A.	N.P.D.	Authority.
*	16 11 58.01	117 47 23.3	St. 8858. Cord. G.C. 22077. Yarnall, 6348
2	15 45 15.51	122 7 47.8	Cord. Z.C. 15 ^h 3084
3	15 41 24.65	122 48 59.1	Cord. G.C. 21386. Wash. Z. (1846) 25.2
4	15 7 24.68	127 47 53.7	Sydney Mer. Obs. 1898

Sydney Observatory:
1898 July 12.

Ephemeris for Physical Observations of

(Continued from)

Greenwich Noon. 1898.	P.	L-O.	B.	A-L.	B.	Q.	E.
Nov. 12	353.66	217.42	+ 15.90	- 34.88	+ 1.19	283.39	37.43
14	354.05	218.04	16.05	34.61	1.61	283.51	37.02
16	354.41	218.60	16.17	34.28	2.03	283.62	36.58
18	354.76	219.12	16.27	33.91	2.45	283.71	36.10
20	355.08	219.60	16.35	33.50	2.87	283.77	35.58
22	355.36	220.04	+ 16.42	- 33.06	+ 3.28	283.81	35.03
24	355.62	220.44	16.47	32.58	3.69	283.84	34.43
26	355.86	220.81	16.50	32.07	4.10	283.84	33.81
28	356.07	221.14	16.53	31.52	4.50	283.81	33.14
30	356.25	221.42	16.54	30.93	4.90	283.76	32.42
Dec. 2	356.40	221.66	+ 16.53	- 30.29	+ 5.30	283.68	31.69
4	356.53	221.86	16.50	29.62	5.70	283.55	30.90
6	356.62	222.00	16.46	28.88	6.10	283.39	30.07
8	356.68	222.09	16.40	28.10	6.50	283.19	29.19
10	356.70	222.14	16.31	27.28	6.89	282.95	28.26
12	356.69	222.12	+ 16.20	- 26.39	+ 7.28	282.68	27.28
14	356.64	222.05	16.08	25.45	7.67	282.35	26.26
16	356.56	221.92	15.94	24.45	8.05	281.99	25.17
18	356.44	221.75	15.78	23.41	8.43	281.56	24.03
20	356.28	221.52	15.61	22.32	8.81	281.06	22.84
22	356.09	221.23	+ 15.42	- 21.16	+ 9.18	280.47	21.59
24	355.87	220.89	15.22	19.95	9.55	279.78	20.29
26	355.62	220.50	15.00	18.70	9.92	278.99	18.95
28	355.32	220.05	14.76	17.39	10.29	278.12	17.55
30	354.98	219.55	14.51	16.02	10.65	277.04	16.12
Jan. 1	354.62	219.02	+ 14.25	- 14.63	+ 11.01	275.74	14.63
3	354.23	218.44	13.97	13.18	11.37	274.14	13.12
5	353.81	217.82	13.68	11.72	11.72	272.28	11.57
7	353.37	217.17	13.39	10.18	12.07	269.77	10.01
9	352.92	216.50	13.09	8.64	12.41	266.45	8.43
11	352.45	215.80	+ 12.77	- 7.07	+ 12.75	261.70	6.87
13	351.94	215.07	12.45	5.47	13.09	254.29	5.34
15	351.44	214.32	12.13	3.85	13.43	241.71	3.95
17	350.94	213.57	+ 11.80	- 2.23	+ 13.76	218.40	2.91